



PTO/SB/21 (09-04)

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<h1 style="text-align: center;">TRANSMITTAL FORM</h1> <p style="text-align: center;">(to be used for all correspondence after initial filing)</p>		Application Number	10/557,831
		Filing Date	May 21, 2004
		First Named Inventor	Sandeep S. Dhingra
		Art Unit	N/A
		Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission	4	Attorney Docket Number	63211A US

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Receipt Postcard
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	THE DOW CHEMICAL CO.		
Signature	<i>Duane C. Ulmer</i>		
Printed name	Duane C. Ulmer		
Date	June 6, 2006	Reg. No.	34,941

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service as Express Mail, Airbill No. \_\_\_\_\_, on the date shown below in an envelope addressed to:  
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Dated: June 6, 2006

Signature: *Nakia Mills* (Nakia Mills)

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Dated: June 6, 2006

Signature: \_\_\_\_\_

(Nakia Mills)

Docket No.: 63211A US  
(PATENT)

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Patent Application of:  
Sandeep S. Dhingra et al.

Application No.: 10/557,831

Confirmation No.:

Filed: May 21, 2004

Art Unit: N/A

For: NANO-SCALE DMC CATALYST  
PARTICLES

Examiner: Not Yet Assigned

## INFORMATION DISCLOSURE STATEMENT (IDS)

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

Applicant has not submitted copies of each cited U.S. patent and U.S. patent application as required by 37 CFR 1.98(a)(2)(i), amended October 2004, as the U.S. Patent and Trademark Office has waived this requirement for all U.S. patent applications. Applicant submits herewith copies of foreign and non-patents in accordance with 37 CFR 1.98(a)(2).

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing

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Application No.: 10/557,831

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Docket No.: 63211A US

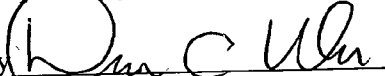
of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1512, under Order No. 63211A US. A duplicate copy of this paper is enclosed.

Dated: June 6, 2006

Respectfully submitted,

By 

Duane C. Ulmer

Registration No.: 34,941

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	1	Attorney Docket Number	63211A US
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### Complete if Known

Application Number	10/557,831
Filing Date	May 21, 2004
First Named Inventor	Sandeep S. Dhingra
Art Unit	N/A
Examiner Name	Not Yet Assigned

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA*	US-3,278,457	10-11-1966	JACK MILGROM	
	AB*	US-3,278,458	10-11-1966	ROBERT J. BELNER	
	AC*	US-3,278,459	10-11-1966	ROBERT J. HEROLD	
	AD*	US-3,404,109	10-01-1968	JACK MILGROM	
	AE*	US-3,427,256	02-11-1969	JACK MILGROM	
	AF*	US-3,427,334	02-11-1969	ROBERT J. BELNER	
	AG*	US-3,427,335	02-11-1969	ROBERT J. HEROLD	
	AH*	US-5,010,187-A	04-23-1991	ALBERT J. HEUVELSLAND	
	AI*	US-5,470,813-A	11-28-1995	BI LE-KHAC	
	AJ*	US-5,639,705-A	06-17-1997	BOWMAN ET. AL.	
	AK*	US-5,900,384-A	05-04-1999	SOLTANI-AHMADI ET. AL.	

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	BA	WO-01/39883-A1 *	06-07-2001	BAYER AKTIENGESELLSCHAFT		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

### NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	ERIKSSON S ET AL.: "Preparation of catalysts from microemulsions and their applications in heterogeneous catalysis: APPLIED CATALYSIS A: GENERAL, ELSEVIER SCIENCE, AMSTERDAM, NL, vol. 265, no. 2, 8 July 2004 (2004-07-08), pages 207-219, XP004508849	

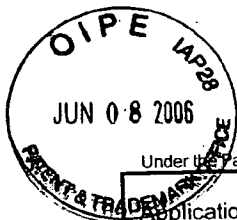
\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

\* considered to extent of abstract and search report

Examiner Signature	/Elizabeth Wood/	Date Considered	04/20/2009
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Application No. (if known): 10/557,831

Attorney Docket No.: 63211A US

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Date

*Nak Mills*

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Nakia Mills

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